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NOTICE OF ALLOWANCE AND FEE(S) DUE

21186

7590

02/08/2007

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A. P.O. BOX 2938
MINNEAPOLIS, MN 55402

EXAMINER LY, ANH VU H

PAPER NUMBER

ART UNIT

DATE MAILED: 02/08/2007

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/852.376	05/10/2001	Eric A. Jacobsen	884.427US1	5426	

TITLE OF INVENTION: SPARSE CHANNEL ESTIMATION FOR ORTHOGONAL FREQUENCY DIVISION MULTIPLEXED SIGNALS

APPLN. TYPE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1400 \$300 \$0 \$1700 05/08/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Stop ISSUE FEE
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Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where an in m

maintenance fee notifica	ENCE ADDRESS (Note: Use Bl		n) spectfying a new c	Note Fee(s	: A certificate of s) Transmittal. Thi rs. Each additiona	mailing s certif	g can only be used for icate cannot be used for such as an assignme	correspondence address as arate "FEE ADDRESS" for or domestic mailings of the or any other accompanying nt or formal drawing, must
21186	7590 02/08	/2007		have	its own certificate	of mai	ling or transmission.	
SCHWEGMA P.O. BOX 2938 MINNEAPOLIS	LUTH, P.A.	Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.						
								(Depositor's name)
		,						' (Signature)
								(Date)
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CFR 1.363). Change of corresp Address form PTO/S "Fee Address" inc PTO/SB/47; Rev 03-4 Number is required.		nge of Correspondence Indication form led. Use of a Customer	or agents OR, alte (2) the name of a registered attorney 2 registered paten listed, no name wi	rnativ single y or a t attor ill be	e firm (having as a gent) and the nam meys or agents. If printed.	memb	per a 2	
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Please check the appropri	riate assignee category or	categories (will not be p					•	· · · · · · · · · · · · · · · · · · ·
4a. The following fee(s) Issue Fee Publication Fee (1) Advance Order	A check is enclosed. Payment by cred The Director is h	sed. lit care ereby	d. Form PTO-2038	is atta	required fee(s), any de	shown above) efficiency, or credit any an extra copy of this form).		
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NOTE: The Issue Fee ar	ns SMALL ENTITY state and Publication Fee (if requested as a fifth United State are cords of the		d from anyone other t	han t	he applicant; a regi	stered	attorney or agent; or the	he assignee or other party in
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an application. Confider submitting the complete this form and/or suggest Box 1450, Alexandria, V Alexandria, Virginia 22:	ntiality is governed by 35 and application form to the ions for reducing this bu Virginia 22313-1450. DO 313-1450.	CFR 1.311. The informati U.S.C. 122 and 37 CFR b. USPTO. Time will varied, should be sent to the D. NOT SEND FEES OR persons are required to re	1.14. This collection depending upon the Echief Information (COMPLETED FORM	is est indiv Office AS TO	imated to take 12 ridual case. Any co or, U.S. Patent and O THIS ADDRESS	minutes ommen Trader S. SEN	s to complete, includir ts on the amount of ti nark Office, U.S. Dep D TO: Commissioner	d by the USPTO to process) ng gathering, preparing, and me you require to complete partment of Commerce, P.O. for Patents, P.O. Box 1450, I number.



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MINNEAPOLIS, M	N 55402		2616 DATE MAILED: 02/08/2007			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 684 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 684 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.